

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060007838").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:50
S2	0	369/53.19.ccls	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:51
S3	364	369/53.19.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:51
S4	991	369/44.32.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:51
S5	328	369/44.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:51
S6	581	369/44.41.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:51
S7	425	369/53.28.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:51
S8	240	369/112.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/15 14:51
S9	364	369/53.19.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 10:39
S10	12	S9 and (hologram and (metal resin))	US-PGPUB; USPAT	OR	ON	2006/05/16 10:43
S11	11	S9 and (hologram and (resin))	US-PGPUB; USPAT	OR	ON	2006/05/16 10:43
S12	993	369/44.32.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 10:43
S13	328	369/44.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 10:43
S14	582	369/44.41.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 10:43
S15	428	369/53.28.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 10:43
S16	240	369/112.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 10:43
S17	93	(S9 S12 S13 S14 S15 S16) and (hologram and (resin))	US-PGPUB; USPAT	OR	ON	2006/05/16 10:44
S18	69	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass)	US-PGPUB; USPAT	OR	ON	2006/05/16 10:44
S19	57	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6)	US-PGPUB; USPAT	OR	ON	2006/05/16 10:45

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S20	50	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser))	US-PGPUB; USPAT	OR	ON	2006/05/16 10:53
S21	8	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposition)	US-PGPUB; USPAT	OR	ON	2006/05/16 10:54
S22	13	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5)	US-PGPUB; USPAT	OR	ON	2006/05/16 11:10
S23	254	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 warp\$5)	US-PGPUB; USPAT	OR	ON	2006/05/16 11:12
S24	1	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and warp\$5)	US-PGPUB; USPAT	OR	ON	2006/05/16 11:13
S25	7	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage)	US-PGPUB; USPAT	OR	ON	2006/05/16 12:05
S26	2	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage and (sine sinusoidal triangular trapezoidal sawtooth))	US-PGPUB; USPAT	OR	ON	2006/05/16 11:18
S27	7	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage and (tilt shift inclinat\$6 angle))	US-PGPUB; USPAT	OR	ON	2006/05/16 16:18
S28	2	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage and (tilt shift inclinat\$6 angle) and (driv\$5 near3 laser))	US-PGPUB; USPAT	OR	ON	2006/05/16 14:11

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S29	1	(S9 S12 S13 S14 S15 S16) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage and (tilt shift inclinat\$6 angle) and (driv\$5 near3 laser) and turntable)	US-PGPUB; USPAT	OR	ON	2006/05/16 12:09
S30	7	(US-20050078574-\$ or US-20020097660-\$ or US-20030227859-\$ or US-20060007838-\$).did. or (US-6192020-\$ or US-6320699-\$ or US-6995897-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/16 13:54
S31	5	S30 and (grat\$7)	US-PGPUB; USPAT	OR	OFF	2006/05/16 13:54
S32	4	S31 and ("zero order" "first order")	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:02
S33	5	S31 and ("order")	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:02
S34	364	369/53.19.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:11
S35	993	369/44.32.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:11
S36	328	369/44.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:11
S37	582	369/44.41.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:11
S38	428	369/53.28.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:11
S39	240	369/112.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/16 14:11
S40	6	(S34 S35 S36 S37 S38 S39) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage and (tilt shift inclinat\$6 angle) and (driv\$5))	US-PGPUB; USPAT	OR	ON	2006/05/16 14:32
S41	7	S30 and (order)	US-PGPUB; USPAT	OR	ON	2006/05/16 16:09
S42	4	S30 and ("first order" "1st order" "1.sup.st. order")	US-PGPUB; USPAT	OR	ON	2006/05/16 14:33

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S43	5	(S34 S35 S36 S37 S38 S39) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage and (tilt inclinat\$6) and (diffract\$6 "diffraction grating"))	US-PGPUB; USPAT	OR	ON	2006/05/16 16:21
S44	4	(S34 S35 S36 S37 S38 S39) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and deposit\$5 and voltage and (tilt inclinat\$6) and ("diffraction grating"))	US-PGPUB; USPAT	OR	ON	2006/05/16 16:21
S45	21	(S34 S35 S36 S37 S38 S39) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and (tilt inclinat\$6) and ("diffraction grating"))	US-PGPUB; USPAT	OR	ON	2006/05/17 12:45
S46	2	(S34 S35 S36 S37 S38 S39) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and (tilt inclinat\$6) and ("diffraction grating" with four))	US-PGPUB; USPAT	OR	ON	2006/05/16 16:25
S47	26	(S34 S35 S36 S37 S38 S39) and (glass and ("semiconductor" "semi-conductor" near3 laser) and ("diffraction grating" with four))	US-PGPUB; USPAT	OR	ON	2006/05/16 16:25
S48	13	(US-20050078574-\$ or US-20020097660-\$ or US-20030227859-\$ or US-20060007838-\$).did. or (US-6192020-\$ or US-6320699-\$ or US-6995897-\$ or US-5446719-\$ or US-5481386-\$ or US-5511059-\$ or US-5544143-\$ or US-5689492-\$ or US-5737296-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/17 11:54
S49	7	S48 and ((resin metal) with (base optical))	US-PGPUB; USPAT	OR	ON	2006/05/17 11:55
S50	364	369/53.19.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:46
S51	993	369/44.32.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:46
S52	328	369/44.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:46
S53	582	369/44.41.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:46

## EAST Search History

S54	428	369/53.28.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:46
S55	240	369/112.12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:46
S56	21	(S50 S51 S52 S53 S54 S55) and (hologram and resin and glass and collimat\$6 and ("semiconductor" "semi-conductor" near3 laser) and (tilt inclinat\$6) and ("diffraction grating"))	US-PGPUB; USPAT	OR	ON	2006/05/17 12:46
S57	21	S56 and resin	US-PGPUB; USPAT	OR	ON	2006/05/17 13:00
S58	9	S57 and (glass with reflect\$6)	US-PGPUB; USPAT	OR	ON	2006/05/17 13:00
S59	11	S57 and (glass with (mirror reflect\$6))	US-PGPUB; USPAT	OR	ON	2006/05/17 13:00